

ABSTRACT OF THE DISCLOSURE

A combustion control device for an engine, comprises a fuel injection valve for injecting a fuel into a combustion chamber, ignition timing adjustment unit for adjusting an ignition timing of a mixture inside the combustion chamber, and control unit for controlling the fuel injection valve and the ignition timing adjustment unit. The control unit controls the fuel injection valve so as to execute at least a first injection which is conducted within the interval from an intake stroke to a compression stroke and a second injection conducted in the vicinity of a compression top dead center after the execution of the first injection, and controls the ignition timing adjustment unit so that the mixture formed by a fuel injected by the first injection and second injection and an intake air or the like is ignited after completion of the injection of the second injection.